

**WHAT IS CLAIMED IS:**

1. An image forming apparatus, comprising:  
a medium-width detector that detects a width of a page of print medium; and  
a controller that controls said medium-width detector to detect the width of the page of print medium upon detection of a predetermined condition.
2. The image forming apparatus according to Claim 1, wherein when a printing operation is performed for a first time after power up of the image forming apparatus, said controller controls said medium-width detector to detect the width of the page of print medium.
3. The image forming apparatus according to Claim 1, wherein when print data has not been received for a predetermined time length after a last reception of print data, said controller controls said medium-width detector to detect the width of the page of print medium.
4. The image forming apparatus according to Claim 1, wherein when a printing operation is performed for a first time after failure of transport of the print medium occurs, said controller controls said medium-width detector to detect the width of the page of print medium.
5. The image forming apparatus according to Claim 4, wherein the failure of transport of the print medium is caused by absence of print medium.
6. The image forming apparatus according to Claim 4, wherein the failure of transport of the print medium is caused by abnormal transport of print medium.
7. The image forming apparatus according to Claim 1, wherein when a medium feeding mode is switched from one mode to another, said

controller controls said medium-width detector to detect the width of the page of print medium.

8. The image forming apparatus according to Claim 1, wherein when a print job is received, said controller controls said medium-width detector to detect the width of a first page of print medium in the print job.

9. The image forming apparatus according to Claim 1, wherein when printing is performed on a following page of two consecutive pages of print medium, said controller controls said medium-width detector to detect the width of the following page if the following page has a size different from a preceding page of the two consecutive pages of print medium.

10. The image forming apparatus according to Claim 1, wherein when printing is performed on a following page of two consecutive pages of print medium, said controller controls said medium width detector to detect the width of the following page if the print is performed on the following page in a direction different from a preceding page of the two consecutive pages of print medium.

11. An image forming apparatus, comprising:

a medium-width detector that detects a width of a page of print medium held in a cassette; and

a controller that controls said medium-width detector, wherein when said controller switches from a first cassette to a second cassette, said controller controls said medium-width detector to detect the width of a first page of print medium supplied from the second cassette